

Title (en)  
DRAWER SLIDE AND LOCKING MECHANISM

Title (de)  
GLEIT- UND SPERRMECHANISMUS FÜR SCHUBLADE

Title (fr)  
MÉCANISME DE COULISSEMENT ET DE VERROUILLAGE DE TIROIR

Publication  
**EP 2424404 A4 20140115 (EN)**

Application  
**EP 10772543 A 20100427**

Priority  
• US 2010032623 W 20100427  
• US 17309709 P 20090427

Abstract (en)  
[origin: WO2010129303A2] A drawer slide with lock mechanism has an elongated outer slide member extendably coupled to an inner slide member. A latch arm or pin is fixed to the inner slide member for latching by a lock mechanism fixed to the outer slide member. The lock mechanism uses a latch receiver that rotates with respect to the lock mechanism and is in a travel path of the latch arm. A lever arm rotates with respect to the lock mechanism and is positionable to block rotation of the latch receiver in a locked position to retain the latch arm. A motor drives a cam to position the lever arm to free the latch receiver from the locked position.

IPC 8 full level  
**A47B 88/04** (2006.01); **E05B 47/00** (2006.01); **E05B 65/46** (2006.01)

CPC (source: EP US)  
**A47B 88/40** (2016.12 - US); **A47B 88/457** (2016.12 - EP); **A47B 88/46** (2016.12 - US); **A47B 88/463** (2016.12 - EP); **A47B 88/473** (2016.12 - US); **A47B 88/477** (2016.12 - EP); **E05B 47/00** (2013.01 - EP US); **E05B 65/462** (2013.01 - EP US); **E05B 65/5215** (2013.01 - US); **E05C 3/12** (2013.01 - US); **Y10T 292/1021** (2015.04 - EP US); **Y10T 292/1028** (2015.04 - EP US); **Y10T 292/1077** (2015.04 - EP US)

Citation (search report)  
• [XA] KR 200440074 Y1 20080528  
• [A] GB 835739 A 19600525 - BECKER OTTO ALFRED  
• See references of WO 2010129303A2

Cited by  
WO2024130280A1; US11576487B2; TWI742444B

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